

RTEC ROD-Max™



- Tools of molding
- High value assets
- Expensive devices
- Containers or trucks

Environmental Specifications

Operating Temperature	-30°C to +85°C
Ambient Temperature	-30°C to +85°C
IP Classification	IP68
Shock and Vibration	MIL STD 810-F
Certifications	CE approved RoHS approved ATEX/IECEX certified
Warranty	1 year

Customization Options

Encoding

Pre-encoding based on customers' specification, including EPC, User memory and other requests.

Appearance

Customized appearance design, including logo, barcode, text on the PET label etc.



Mechanical Specifications

Tag Materials	Industry grade plastics
Surface Materials	Industry grade plastics
Dimensions	100 x 26 x 9.5 mm Standard 100 x 26 x 12 mm Magnet
Weight	17.5 g Standard 22 g Magnet
Attachment	Industry grade adhesive Rivet hole / Magnet
Color	Customized colors are available

RF Specifications

RF Air Protocol	EPC Global Class 1 Gen2 ISO18000-6C
Operating Frequency	UHF 866-868 MHz (ETSI) UHF 902-928 MHz (FCC)
Environment Compatibility	Optimized on metal
Read Range	Up to 16 m (on metal) Up to 7 m (off metal)
Polarization	Linear
IC Type	Impinj R6-P / Alien H3
Memory Configuration	EPC 128bit TID 96bit User 32bit / 512bit

*Read ranges indicated in this datasheet is achieved by using our standard testing methodology. Actual performance will be different if different reader hardware and output power is applied.

Order Information

Product #	RTEC1030301
Product Name	RTEC ROD-Max ETSI
Product #	RTEC1030302
Product Name	RTEC ROD-Max FCC
Product #	RTEC10303C1
Product Name	RTEC ROD-Max Magnet ETSI
Product #	RTEC10303C2
Product Name	RTEC ROD-Max Magnet FCC

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